

# Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

July 2001

Volume 2 Issue 7

## Field Day, 2001

This year, as in following years, Field Day weekend started on Friday morning. President Steve Nardin, WB9ZIIY, brought the club trailer from it's resting place in Churubusco to his house for a cleaning and to have the propane tank filled. With the help of Clint, KB9LOF, and Carl, N9NRO, all tasks were accomplished in time to take the trailer to the McMillen Girl Scout Camp on Friday night. A small number of us stayed the night on Friday, to do some preliminary unloading, setting of tents, and of course ham radio bull stories around the camp fire. We even tried some QRP operating with a home brew shortened dipole.

Things got moving at 8:00 am sharp on Saturday morning, with a delicious (?) breakfast prepared by N9WS. It wasn't long until the three HF stations and one three-band VHF-UHF station was set up. Then came the hard part! It was time to start the generator! After about 45 minutes of pulling, spraying ether, and an occasional phrase that should not have been uttered in a girl scout camp, the stubborn generator roared to life. This was following almost immediately by suggestions to make this ordeal easier next year.

Everything was ready at the start of the contest at 1:00 PM. The contacts flowed swiftly until a brief rain on Saturday afternoon slowed us down for a short time. This coincided with the arrival of the hog roast catered by Goeglein's. The meal was a great success, with quite a few of our friends from ACARTS showing to enjoy the food. After the meal, the operations continued. We are thankful to K3HZP and W9GGA for their expertise on CW operating. Radio and campfires where the order of the night, which helped to keep things warm through the cool evening.



Sunday brought the return of the sun, which helped to dry out the tents prior to packing. We knew something good had happened when we heard KB9OZH, Wayne, whooping and yelling like a school kid. Indeed, he had made contact with the International Space Station, and on a very long path to boot (at 1500 miles and only 1 degree above the horizon).

## What's Inside

Fort Wayne Radio Club News & Meeting Information	pg. 2
FWRC Minutes	pg. 3
ACARTS News & Meeting Information	pg. 4
ACARTS July Program Information	pg. 5
ACARTS Minutes	pg. 5
Thanks from Three Rivers Velosport	pg. 5
Help Needed for WBNI Bike Tour	pg. 5
Special Event Notice	pg. 5
FWRC Field Day Pictures	pg. 6
Susan Helms, KC7NHZ, Thrills Field Day Ops From ISS	pg. 7
AO-40 Achieves A New Orbit	pg. 7
Amateur Morse Testing Changes Effective July 1	pg. 8
Amateur LF Signal Spans The Pacific!	pg. 8
GM Creates Web Link To Aid Mobile Installations	pg. 8
YK9A - Behind the scenes #2 - Rigs, Antennas, Etc.	pg. 9
Regional Hamfests	pg. 9
VE Exam Schedule	pg. 10
For Sale/Wanted	pg. 10
Membership Application	pg. 11

At the end of Field Day, several friends showed up to help in the take-down effort. In no time flat, the stations were disassembled, the trailer loaded, and another fun weekend was behind us. My personal thanks to everyone that pitched in to make the effort a success, from the food to the logging.

GREAT JOB EVERYONE! SEE YOU ALL IN JUNE 2002!

73, Steve

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Allen County HamNews is produced on a Macintosh 8500 using Adobe PageMaker.

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza@arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

**Deadline is the last Friday of the month.**  
**Please do NOT send anything in all caps!!**

## Internet Home Pages:

**Fort Wayne Radio Club:**

<http://www.fortwayneradioclub.org>

**ACARTS site:**

<http://www.acarts.com>

# Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

## Officers

### President:

Steve Nardin  
WB9ZIY 483-4039  
WB9ZIY@hotmail.com

### Vice President:

Tom Baker  
N9TB 747-2714  
kb9tfc@gte.net

### Secretary:

Al Burke  
WB9SSE 637-1989  
woffermom@cs.com

### Treasurer:

Bob Streeter  
W8ST 672-9737  
w8st@arrl.net

### Communications

#### Manager:

Clint Stedge  
KB9LOF 485-4067

### Board of Directors

Carole Burke  
WB9RUS 637-1989  
Wb9rus@cs.com

Jim Pliett  
K9OMA 693-9211  
k9oma@netusa1.net

Wayne Bergamino  
KB9OZH 482-1967  
kb9ozh@aol.com

Bill Meints  
N9NAI

## President's Corner



Looking back at the month of June, one can only conclude that it was a good time to be a ham. First up was the ARRL VHF QSO party. On the following weekend, the Diabetes walk-a-thon was a great success. After another week had gone by it was time for the granddaddy of all ham events, Field Day! Also thrown in for good measure was Kid's day.

Of these events, FWRC was active for the walk-a-thon and Field Day. In both cases, I am proud of how well we all worked together to make the activity both rewarding and fun. Everyone is looking forward to doing it again next year. During occasions such as these, one is reminded of the purpose served by Radio Clubs. By bringing people together for a common cause, much more can be accomplished than can be done by purely individual efforts. Come to think of it, there are few activities in Amateur Radio that you can do totally alone, as the art of communications almost always involves a sender and receiver.

This all brings up the subject of club participation. I know that we have many club members who have very legitimate reasons for not making it to some of the club meetings. On event days, there are those who cannot attend for various reasons. But to completely miss out on everything, is to miss out on all the fun and camaraderie that is possible. Next time a ham club event is on the horizon, make a point to try and attend. Put the date and time on the "official" family calendar (ours is on the frig), so that you remember it and it can not be superseded by your spouse!

The meeting for July will NOT be held at the Good Shepherd UMC, but instead will be held at the Veterans National Memorial Shrine, 2122 O'Day Road, at 6:30 on July 20th. The program will consist of a tour of the facility and presentation by Jim Snyder, a Korean War Veteran. A map to this event is included with this newsletter. Hope to see you there!

73, Steve

## Fort Wayne Radio Club Minutes, June 15, 2001

The June, 2001 meeting of the Fort Wayne Radio Club commenced at 7:30 PM at the Good Shepherd United Methodist Church. There were about 20 people present and the meeting was hosted by President Steve Nardin.

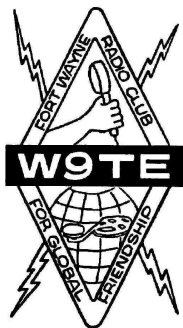
Secretary Al Burke read the minutes from the May meeting and there were no corrections.

Treasurer Bob Streeter provided a status of club finances as follows: As of 15 June 2001 the club had year-to-date income of \$1,774.81 and expenses of \$1,068.32. It had \$86.56 cash on hand, \$7,343.84 in checking/savings and had total assets of \$11,764.86 including the estimated value of club property.

Steve Nardin reported that Kevin Adam, N9IWW, who had graciously been providing the resources used to host the club's web page was no longer able to do so. Consequently the club would need to begin financing the page at a cost of \$120 per year. As this magnitude of an expense required a vote, one was taken and passed in the affirmative.

Clint Stedge reported that the club would again provide communications support for the Diabetes Walk-a-Thon to occur on 16 June. A club base station would be set up at Headwaters Park adjacent to the start-finish line of the Walk-a-Thon and we would use the 146.76 machine. Setup would

Continued on page 3



## July Meeting

Friday, July 20, 2001, 6:30 PM  
Veterans National Memorial Shrine

(see map pg. 3)

Program: tour & talk

## FWRC June Minutes – Continued from page 2

occur at 08:30 AM and the Walk-a-Thon would commence at 10:00 am and finish about noon.

Steve Nardin noted that Field Day would occur over the weekend of 23/24 June at Camp McMillen off Hollopetter Rd. Field Day equipment would be brought to the site Friday evening with setup starting around 8:00 am Saturday morning and operation commencing at 1:00 PM. Clint Stedge reported that we would put up HF, 6 m, VHF, UHF and Satellite stations and expected to operate -5A. Carole Burke reported that the Field Day Hog Roast (ham, kraut,

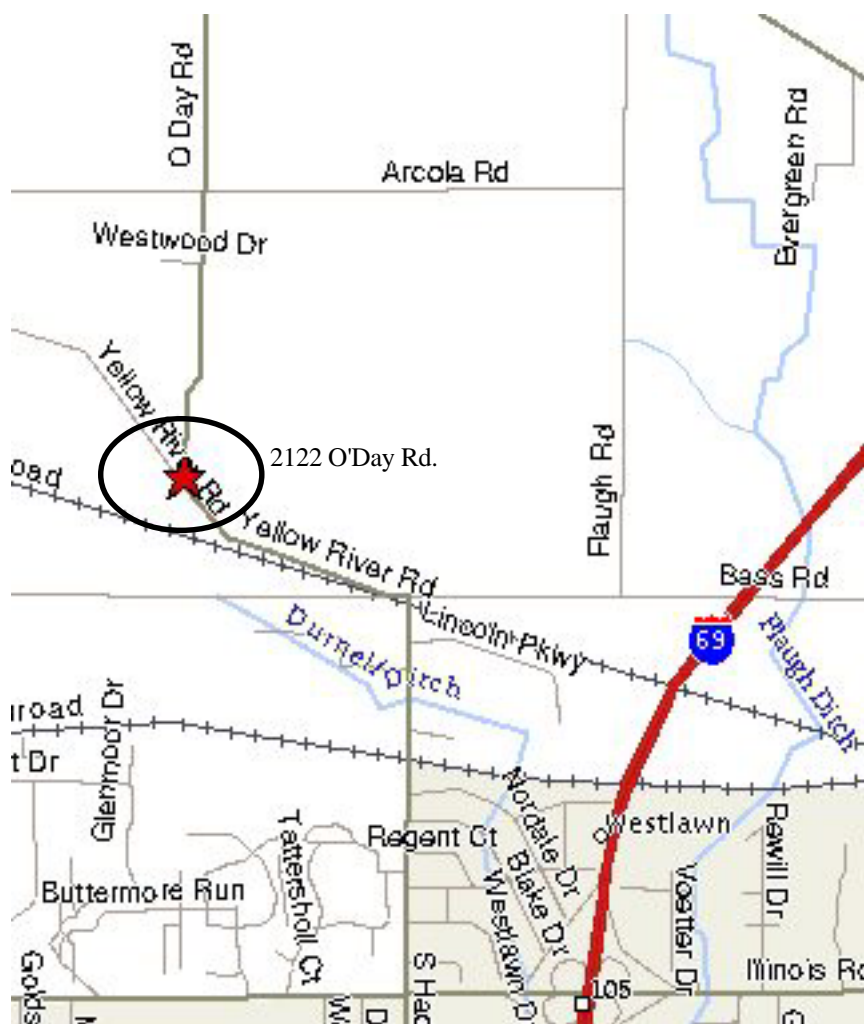
potato salad, beans and slaw) would arrive around 5 PM and we expected to have dinner at 6 PM. Of course, everyone was welcome and Clint expected some participation from ACARTS as well as other roving bands of contest junkies.

Bill Gibbons, W9KBV was the lucky winner of the 50/50 drawing splitting the \$20.00 pot with the club treasury.

Respectfully submitted,

Al Burke, WB9SSE

## Map to FWRC July Meeting Site



# STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS Officers

### President

Vic Berko, KA9LTV  
(219) 747-0938  
vberko@juno.com

### Vice President

Dave Lindquist, W9LKH  
(219) 485-6135  
w9lkh@compuserve.com

### Secretary

Greg Carr, KB9LDU  
(219)-490-7844  
carrgj@earthlink.net

### Treasurer

Howard Pletcher, N9ADS  
(219) 747-5252  
n9ads@juno.com

## ACARTS Managers

### Activities OPEN

### Emergency Preparedness

Richard Andrew, KB9VAQ  
(219) 373-0644  
rcandrew@iquest.net

### Communications

Victor Guess, WB9UZA  
(219) 485-7472  
wb9uza@arri.net

### Station Manager

Doug Jones, N9NNT  
(219) 432-9277  
djones2233@aol.com

### Fundraising Manager

Jim Boyer, KB9IH  
(219) 489-6700  
jim.boyer@home.com

### W9INX Trustee

Dave Smith, KA9FFT  
(219) 493-2439

### Tech Committee

Emery McClendon, KB9IBW  
(219) 485-4120  
kb9ibw@juno.com

## President's Message



Last month's program on ATV given by Jim Pliett, K9OMA, was a good example of ham ingenuity. There was storm late that afternoon, and Jim lost power at his house. He had to scramble around in the dark with a flashlight to gather his gear for the program that evening. When he got to Turnstone and started to setup, he found that he was missing a few connectors that he would need to attempt a two-way contact. So we did what amounted to two one-way contacts. There was a door that leads to an outdoor courtyard where we set the antenna on a chair. We were able to receive a signal from the FWRC ATV repeater which is located at the IPFW campus. Thanks to Carl Rittenhouse, N9NRO for responding to a call to come up on the ATV frequency. He gave us a tour of his ham shack. It looked great on the large screen TV at Turnstone. We then sent a signal to Carl of the hams at the meeting.

The results of the e-mail sent to the membership about field day was disappointing. We only got 16 responses from the inquiry. There were two people who wanted to do our own, one who said he would go wherever field day was, and the rest were going to be out of town or did not care. As a result, the board decided not to hold our own field day, but accept the invitation of FWRC to join them at their site.

And now another episode in the adventures of Computer Man in his attempt to tame the computer. After my last round of problems, I decided to leave my computer on all the time once I got everything restored. The only restarts the computer made were soft ones when I installed software or made setting changes. Then last week, I did a complete shutdown so I could install some more memory and a case fan to draw out the heat. When I restarted the computer, Windows crashed. I just had a black screen with a message about reading drive error. After formatting my hard drive, I found I had about 15,000 bytes of bad sectors. It looks like I will be needing a new hard drive. I also lost some files. Before formatting, I was able to save my bookmarks in Netscape, from the DOS prompt. But, I was unable to find my favorites for Internet Explorer. It took about three hours to format, reinstall hardware and software, and download and run updates and patches.

This month's program will be a tour of Channel 15. Hopefully we may be able to see some of their new equipment. We will also see the Weather Center. Read the activities column for the time and other details. That's all for this month.

73, Vic, KA9LTV

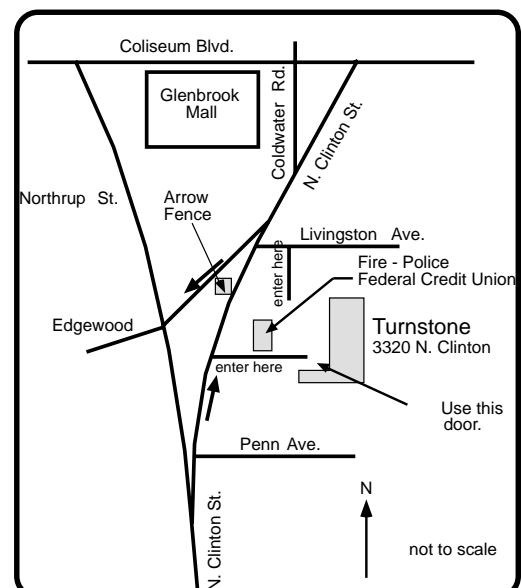
## Meeting Schedule

All meetings are at 7:30 PM at Turnstone unless otherwise noted.

**General Meeting:** Tuesday, 07/17/2001  
**Program:** Tour of WANE-TV Ch. 15

**Board Meeting:** 08/14/2001  
All members are encouraged to attend.

**Tech Committee:** No July meeting





## ACARTS June Board Meeting Minutes



The ACARTS Board Meeting for June was called to order by president Vic Berko, KA9LTV on June 12th, 2001 at 7:35pm.

Vic said that a questionnaire about Field day was sent to all club members with a valid e mail address. The questionnaire asked club members what they would prefer to do as a club for Field day this year. Only 16 responses were received.

- 6 Members said they would be out of town
- 3 Have their own Field Day
- 5 Wanted to join Fort Wayne Radio Club
- 2 Did not care

Howard Pletcher, N9ADS made a motion to join FWRC since in the past there has been very little interest with Field Day, and no one stepped forward to manage then event. Richard Andrew, KB9VAQ second. Motion passed.

Greg Carr, KB9LDU discussed approaching a boy or girl scout group to help with Jamboree on the Air in October. He will start contacting scout troops soon.

Howard said he received the first Hamfest table reservation in the mail.

Dave, WB9UNL suggested to form a recruiting committee for 2002 Board members. He reminded us that ACARTS Board member salary's will be double what they are this year. Anyone interested should contact a current Board member.

Howard, N9ADS made the motion to adjourn the meeting. Greg second.

Respectfully Submitted,

Greg Carr, KB9LDU

## ACARTS July Program Information

The program for July will be a tour of Channel 15. We hope to see some of the new equipment that will be used when the station goes digital. We will also see the Weather Center at the station. After the tour members will get a chance to see our repeaters. There will be a change of the meeting time for July 17 th. **We will gather around 6:30 PM, and start the tour at 7:00 PM.** - Vic , KA9LTV

**Editor's note:** The ACARTS General Meeting minutes from 6/19/01 were not available at the time of publication.

## Thanks from Three Rivers Velosport

Thank you very much for participating in the May Madness Bicycle tour. Your group from the Allen County Amateur Radio Technical Society was vital in providing our group with communications they needed to keep the event running smoothly

Please pass along my gratitude to Tom Baker, N9TB; Bill Meintz, N9NAI; Mike Stein, WB9NOO; Valerie Stein, N9NMW; and Chad Beach, W9GGA. I think Chad deserves a special thanks for having to ride in that truck with me all day.

Once again thanks for participating and helping make our event successful.

s/ Doug Myers Touring Director Three Rivers Velosport

## Help Needed for WBNI Bike Tour

The annual WBNI Bike Tour will held this year on August 25, starting at Leo High School at 7:00 am. Amateurs will again man the checkpoints in Waterloo and at Sechler's Pickles outside St. Joe, IN. Several additional operators will be needed to man the SAG wagons traveling around the 4 different routes providing the 15, 30, 45, and 58 mile tours. Contact N9ADS if you can help with this event.

Howard

## Special Event Notice

The Tech Committee of the Allen County Amateur Radio Technical Society will be using the call of KB9IBW operating from the traveling Vietnam Wall Memorial at the Highland Park Cemetery on September 15, from 1400z to 2300z on 7.226, 14.226, 144.39 APRS and 146.88 fm. Certificate to Emery McClendon Sr., 6116 Graymoor, Fort Wayne, IN 46835.

**ACARTS August meeting:  
Aug. 18, Family Picnic  
(date tentative)**

**More FWRC Field Day Pictures (taken by AI, WB9SSE)**



## Susan Helms, KC7NHZ, Thrills Field Day Ops From ISS

from *The ARRL Letter*—Astronaut Susan Helms, KC7NHZ, took time out aboard the International Space Station to join in the ARRL Field Day fray last weekend. The operation was believed to mark the first time anyone participated in Field Day from space.

Helms worked several dozen stations—most of them Field Day operations—as the ISS passed over the US. ARRL Contest Branch Manager Dan Henderson, N1ND, says the NA1SS contacts will count for Field Day credit, but they will not count for satellite bonus points.

Helms sounded like a veteran contester during Field Day, although not without some confusion as to what exchange she should transmit. Initially acting on incorrect information, Helms was giving out “one alpha maritime mobile-Russia” for a Field Day report. Later, she resorted to “1 alpha battery on the space station.”

The NA1SS Field Day operation infused a lot of enthusiasm into the occasion. “This Field Day is the one I’ll remember the most, even after doing FD for 40 years,” said ARRL Wisconsin Public Information Coordinator Jim Romelfanger, K9ZZ. Romelfanger worked NA1SS as part of the WB9FDZ Yellow Thunder Amateur Radio Club Field Day crew. “Susan was having a ball up there!” he said.

Dave Swartz, KC7RRH, said his club’s Field Day operation was another lucky enough to snag a contact with NA1SS. It happened almost by accident. Swartz, who operated with the Federal Way Amateur Radio Club’s WA7FW setup in Washington, said the group was set up for a packet contact via the ISS when he heard Helms’ voice coming over the speaker. Although he was on 20 meters at the time, he grabbed the mike at the packet setup next to him and made the QSO. Swartz said he was “very psyched” about working Helms but disappointed not to get the bonus points.

Henderson said that ISS contacts will not count for bonus points because the ISS is not an “Amateur Radio satellite,” as rule 7.3.7 specifies

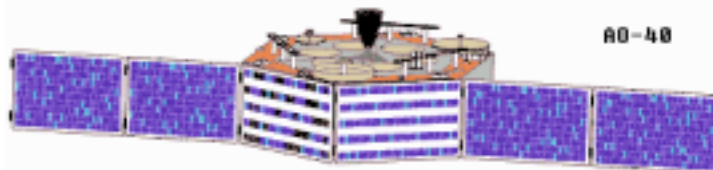
<<http://www.arrl.org/contests/announcements/rules-fd.html>>. Henderson said that, because of their nature, bonus points “need to be readily available to everybody,” and the ISS offers only a limited window of opportunity.

As for the correct Field Day operating class for NA1SS, Henderson said there is more than one possible choice, but the question is largely academic. “Whatever exchange she sent out, count it as a valid contact for Field Day and enjoy the experience,” he said. Field Day entries require a list of call signs worked by band and mode.

Henderson said Helms’ ISS Field Day entry will end up

“in a class by itself.”

US stations working NA1SS aboard the International Space Station QSL to Margie Bourgoin, KB1DCO, ARRL, 225 Main St, Newington, CT 06111. Canadian stations QSL to Radio Amateurs of Canada, 720 Belfast Rd—Suite 217, Ottawa, ON K1G 0Z5. A self-addressed, stamped envelope is required to get a QSL in return.



## AO-40 Achieves A New Orbit

from *The ARRL Letter*—AO-40 now is in a new orbit. Recent efforts to raise the satellite’s orbit at perigee—its point closest to Earth—were somewhat more successful than originally anticipated. Ground controllers had planned to lift the perigee from 280 km to around 500 km. Successive firings of cold arcjet ammonia fuel resulted in an orbit that’s 851 km at perigee, however.

“Indeed, the good news is that AO-40 is now in a safe and stable orbit!” said AMSAT-DL President Peter Guelzow, DB2OS, on behalf of the AO-40 team. “The bad news: All 53 kg of ammonia probably has been used up.” This means further orbital adjustments—at least using the arcjet—are unlikely. Guelzow said ammonia stopped flowing after orbit 302, “and the pressure indicators in the telemetry show no more pressure in the motor and in the ammonia tanks, while the perigee clearly is higher than anticipated.”

AO-40’s height at apogee—58,971 km—was unchanged by the orbital adjustment.

Guelzow said stored telemetry was being downloaded and analyzed. Shut down prior to the start of the orbital adjustment, AO-40’s transponders remain off the air. They will stay off as ground controllers adjust the satellite’s attitude using on-board magnetorquing.

AMSAT-NA President Robin Haighton, VE3FRH, has said it’s hoped that a slightly higher perigee for AO-40 will eliminate the effects of what he described as “a mysterious force” that alters the satellite’s attitude when it comes through perigee. One theory, he said, is that atmospheric expansion caused by the current sunspot cycle peak was influencing the satellite’s orbit in some way. The higher perigee should eliminate any atmospheric impact.

For more information on AO-40, visit the AMSAT-DL Web site, <<http://www.amsat-dl.org/>> or the AMSAT-NA Web site, <<http://www.amsat.org/>>.—thanks to AMSAT News Service



## Amateur Morse Testing Changes Effective July 1

from *The ARRL Letter* – New Morse code exam standards go into effect Sunday, July 1, for all Volunteer Examiner Coordinators. The new standards call for Farnsworth character speed in the 13-to-15 WPM range and the end of multiple-choice questions for routine Morse code exams.

**The new standards call for Farnsworth character speed in the 13-to-15 WPM range and the end of multiple-choice questions for routine Morse code exams.**

The National Conference of Volunteer Examiner Coordinators voted last July to set up the revised standards for the administration of Morse code examinations in the US after amateur restructuring established 5 WPM as the sole Amateur Radio Morse code requirement.

ARRL VEC Manager Bart Jahnke, W9JJ, points out the required change to the Farnsworth protocol replaces the 18-WPM character speed ARRL VEC has used since 1989. “Standard 5 WPM messages with 5 WPM characters are available as an accommodation,” he said. “Standard (non-Farnsworth) speed messages are available upon special request from the ARRL VEC for ARRL VE teams.” In addition, the Morse exam audio frequency range should be between 700 and 1000 Hz for routine exams.

Consistent with the revised standards, Jahnke said, ARRL VEC has set 15-WPM characters as its Farnsworth setting and 750 Hz as its audio-frequency standard.

Code practice transmissions from Maxim Memorial Station W1AW will reflect the new Farnsworth standard. W1AW Station Manager Joe Carcia, NJ1Q, says transmissions using the new protocol will begin Monday, July 2. “Any of our code transmissions at speeds below 18 WPM will drop from 18 WPM to 15 WPM character speed,” he said. “We will maintain the standard method at speeds above 18 WPM—20 WPM at 20, 25 WPM at 25, etc.”

Carcia said the W1AW Web code practice files <<http://www.arrl.org/w1aw/morse.html>> also will be changed to mirror the W1AW transmission protocol. ARRL’s Your Introduction to Morse Code cassette tapes and audio CDs also have adopted the new standards.

The new Morse examination standards also affect test administration. After July 1, Morse examinees will have to supply fill-in-the-blank answers for the 10-question Element 1 quiz. Multiple-choice type examinations no longer will be acceptable. Under the new testing regime, Morse code examinees must either correctly answer seven of the ten fill-in-the-blank questions or correctly copy 25 consecutive characters.

## Amateur LF Signal Spans The Pacific!

from *The ARRL Letter* – A signal transmitted on 184 kHz from ZL6QH—the Wellington, New Zealand, Amateur Radio Club’s Quartz Hill station—has spanned the Pacific. The transmission, part of a series of announced transpacific tests, was received on June 30 by Steve McDonald, VE7SL, of British Columbia, Canada.

“A claim is made for the confirmed reception of ZL6QH by VE7SL, on 184.4 kHz, over a path of 11,709 km,” said Bob Vernall ZL2CA, who organized the transpacific tests. “This is a one-way confirmation, as VE7SL does not have transmitting capability.” Vernall said that on June 30, seven New Zealand stations—including ZL6QH—and one Australian transmitted test signals in the 160-190 kHz band for the transpacific tests. Amateurs in New Zealand have access to that band.

Reception of weak LF signals typically is done using spectrographic software. McDonald used Argo software to capture the ZL6QH signal and very likely that of ZL4OL, although no claim was being made for the latter. The reception occurred right around the time of sunrise in British Columbia.

ZL6QH was transmitting dual-frequency CW with two-minute elements, one frequency representing dits, the other dahs. The ZL6QH station was running approximately 100 W into a longwire antenna.

Amateurs spanned the Atlantic in both directions earlier this year on 136 kHz. Efforts to make it across the Pacific on LF have been under way during the winter season in the Southern Hemisphere.

The ARRL has petitioned the FCC to authorize Amateur Radio allocations at 136 kHz and in the 160-190 kHz band. The petition is pending.

---

## GM Creates Web Link To Aid Mobile Installations

from *The ARRL Letter* – In response to a request from ARRL, the General Motors Engineering Center has created a Web link to its official guidelines for installing radio transmitters in vehicles. The Radio Telephone / Mobile Radio Installation Guidelines page is <http://service.gm.com/techlineinfo/radio.html>. Installation guidelines for Chrysler and Ford are reprinted, with permission, in the ARRL RFI Book, <http://www.arrl.org/catalog/6834>. ARRL offers additional information about automotive RFI on its Web site, <http://www.arrl.org/tis/info/rficar.html>.



## YK9A - Behind the scenes #2 – Rigs, Antennas, Etc.

For our YK9A effort, ICOM loaned us four IC-756PROs. I enjoyed using these, especially the spectrum analyzer function. When the pileup got so dense as to make it impossible to pick out a call, it was a simple matter to use the spectrum analyzer display to go to the edge of the pileup and pick out calls. It was also interesting to say you were QSYing to another band, and then see a huge pileup on the display on the new band before even sending the first dit. And this is just a hobby?

The IC-756PRO is menu driven, and for the most part we didn't have any problems with that. It did take a while sometimes to find the proper menu to get the PC to key the rig.

As for antennas, we had a hiccup early on. Originally Force 12 was going to loan us a bunch of antennas. But because of a communications snafu, those antennas were sold to the D68C group. So we ended up scrambling to find out who could bring what.

The Battle Creek trio (W8UVZ, W0CD, K8GG) loaned us one of their Battle Creek Specials, so 160m and 80m was covered. We did put up an 80m inverted-vee so we could operate simultaneously on 160m and 80m. The BCS, with all its guys and radials, really cluttered up the rooftop. But it did its job.

We borrowed YK1AO's Force 12 2 el 40m Yagi. He's never had it up because it's too big for his apartment roof.

It worked great after we found all the parts to put it together.

The workhorse for 20m-10m was K7AR's C3SS. We also had an R5 vertical. We also put up an inverted-vee for 15m. I brought a Cushcraft 3el 10m Yagi, and we fixed it on the US. We used the 80m inverted-vee on 30m, and the 15m inverted-vee on 17m and 12m.

For receiving on the low bands, W4DR brought a small (about 5ft diameter) loop and preamp. Toward the end of the operation, we did manage to fit in a very low 160m dipole in the yard adjacent to the building. Although I brought 9:1 transformers, terminations, and a spool of wire for Beverages, there just wasn't any room.

For 6m W4DR brought a 5el Yagi. We had about 20 QSOs with ZSs toward the end of the operation. Nothing else was worked (or even heard) on 6m.

Our AC power came from three outlets in the room. They gave us about 200v, which ended up around 95-100v after our converters. There wasn't a neutral with them, so you'd get a nasty shock if you didn't change the band pass filters and antennas correctly (one hand in your pocket!).

We got into the phone system in the building, so we didn't use our amps (the two that worked) from 9AM to 2PM. That was mostly EU time, so that wasn't a big problem.

Carl K9LA

## Regional Hamfests

<u>Date</u>	<u>Location</u>	<u>Contact Phone</u>	<u>URL or E-mail</u>
22 Jul 2001	Van Wert, OH	419-238-2442 X324	<a href="http://www.redrival.com/w8fy">http://www.redrival.com/w8fy</a>
4 Aug 2001	Columbus, OH	614-846-7790	<a href="mailto:kb8kpj@cs.com">kb8kpj@cs.com</a>
5 Aug 2001	Angola, IN	219-475-5897	<a href="mailto:sharon.l.brown@gte.net">sharon.l.brown@gte.net</a>
12 Aug 2001	Greentown, IN	765-668-4814	<a href="mailto:k9nqw@skynet.net">k9nqw@skynet.net</a>
9 Sep 2001	Findlay, OH	419-423-4604	<a href="http://www.bright.net/~kanga/w8ft/hamfest.html">http://www.bright.net/~kanga/w8ft/hamfest.html</a>
15 Sep 2001	Caledonia (Grand Rapids), MI		<a href="http://www.w8dc.org">http://www.w8dc.org</a>
16 Sep 2001	Adrian, MI	517-263-0615	<a href="http://www.LNI.net/~w8tqe">http://www.LNI.net/~w8tqe</a>
23 Sep 2001	Cleveland, OH	800-253-3378	<a href="http://www.hac.org">http://www.hac.org</a>
7 Oct 2001	Bedford, IN	812-849-0095	<a href="http://www.hoosierhillshamfest.org">http://www.hoosierhillshamfest.org</a>
14 Oct 2001	Lansing, MI	517-676-2710	<a href="http://www.qsl.net/lcdra/hamfair.org.html">http://www.qsl.net/lcdra/hamfair.org.html</a>
21 Oct 2001	Warren, MI	810-791-4669	<a href="http://www.useca.org">http://www.useca.org</a>
21 Oct 2001	Kalamazoo, MI		<a href="http://www.qsl.net/k8blo/hamfest.htm">http://www.qsl.net/k8blo/hamfest.htm</a>
28 Oct 2001	Massillon, OH	330-837-3091	<a href="http://www.qsl.net/w8np">http://www.qsl.net/w8np</a>

For more complete information go to <http://www.acarts.com/hamfests.htm>.



### VEC Schedule

12-Jul-2001

Sponsor: GOSHEN ARC

Time: 7:00 PM (Walk-ins allowed)

Contact: LYLE L LONG

(219)875-8455

VEC: ARRL/VEC

Location: GREENCROFT RETIREMENT CENTER  
HOMAN BUILDING  
GREENCROFT BLVD  
GOSHEN, IN 46525

22-Jul-2001

Sponsor: VAN WERT VE GROUP

Time: 2:00 PM (Walk-ins allowed)

Contact: ROBERT E HIGH

(419)795-5763

VEC: ARRL/VEC

Location: EMA BLDG  
1220 EAST RIDGE RD  
PRE-REGISTRATION PREFERRED  
VAN WERT, OH 45891

28-Jul-2001

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(219)691-3009

VEC: W5YI VEC

Location: WHITLEY COUNTY JAIL  
BASEMENT MEETING ROOM  
101 W MARKET ST - SUITE C  
N9QCL@ARRL.NET  
COLUMBIA CITY, IN 46725

04-Aug-2001

Sponsor: UNSPONSORED

Time: 9:00 AM (Walk-ins allowed)

Contact: WILLIAM C HALL

(219)485-3995

VEC: W5YI VEC

Location: ALLEN COUNTY LIBRARY  
GEORGETOWN BRANCH  
6600 E STATE BLVD  
COMMUNITY ROOM  
FORT WAYNE, IN 46815

22-Sep-2001

Sponsor: VAN WERT VE GROUP

Time: 2:00 PM (Walk-ins allowed)

Contact: ROBERT E HIGH

(419)795-5763

VEC: ARRL/VEC

Location: EMA BLDG  
1220 EAST RIDGE RD  
PRE-REGISTRATION PREFERRED  
VAN WERT, OH 45891

29-Sep-2001

Sponsor: W5YI-VEC — WHITLEY COUNTY ARC

Time: 9:00 AM (Walk-ins allowed)

Contact: ROGER L MC ENTARFER

(219)691-3009

VEC: W5YI VEC

Location: WHITLEY COUNTY JAIL  
BASEMENT MEETING ROOM  
101 W MARKET ST - SUITE C  
N9QCL@ARRL.NET  
COLUMBIA CITY, IN 46725

### For Sale & Wanted



#### For Sale:

Iomega internal 100MB ZIP drive  
with 5 disks. \$65 – Don, WB8HQS  
at 219-484-3317 or

don.gagnon@home.com

\*\*\*

For Sale: 50 foot Rohn 25G with thrust bearing & guy  
cables \$250, 2m-16LBX 2m beam \$100, Ham IV ro-  
tor \$100, TA-33 HF beam \$150, all for \$400, plus  
multiple lengths of co-ax, RG-213 & 214, rotor cable,  
more. The tower is already on the ground! – ND9Tim,

485-9651 evenings or weekends,  
trkearneyftw@aol.com

\*\*\*

AEA Isopole 2 m vertical w/ manual. Needs some  
cleaning. \$20. This antenna was donated to ACARTS  
but we don't have an immediate need for it. Vic,  
WB9UZA, 219-485-7472, wb9uza@arrl.net.

**NOTE:** For Sale & Wanted items will be listed for 2  
months only unless the ad is resubmitted. If you sell  
an item the first month, please contact the editor so the  
item can be removed.

## Membership Application for ☐ FWRC - or - ☐ ACARTS (check one)

Name: \_\_\_\_\_ Call sign: \_\_\_\_\_ License class: \_\_\_\_\_

Street address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_ -<sup>4</sup> \_\_\_\_\_ Phone #: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Unlisted? ☐ Yes

Email address: \_\_\_\_\_ ARRL Member? ☐ Yes

### Fort Wayne Radio Club Dues

Regular membership ☐ \$15.00 / year

Family membership <sup>1</sup> ☐ \$21.00 / year

Student membership <sup>2</sup> ☐ \$6.00 / year

Associate membership <sup>3</sup> ☐ \$15.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

### A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year

Additional family members <sup>1</sup> ☐ \$6.00 / year

Student membership <sup>2</sup> ☐ \$6.00 / year

Associate membership <sup>3</sup> ☐ \$6.00 / year

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. unlicensed member

4. 9 digit ZIP code required for US bulk mail

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

Please attach a check (number \_\_\_\_\_) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club  
PO Box 15127  
Fort Wayne, IN 46885

A.C.A.R.T.S.  
PO Box 10342  
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club.

### **ACARTS Voice Repeaters**

146.880 (-) General use / Skywarn priority

147.255 (+) General use / Autopatch priority

443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

### **ACARTS Digital Repeaters (digipeaters)**

144.390 (s) APRS - wide

145.010 (s) General use, NETROM (FWA) - wide

223.660 (s) BBS use ONLY NETROM (FWA220) - wide

### **Fort Wayne Radio Club Repeaters**

Voice: 146.76 (-) General use; (2 sec. initial keyup delay)

146.94 (-) General use with autopatch

146.91 (-) Autopatch only

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

### **Area Traffic Nets**

(please submit any changes or corrections to the editor)

**IMO:** meets nightly at 6:30 p.m. (2330 UTC) on 146.88

### **Area Traffic Nets - Continued**

**Auburn:** meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.015+

**21 Repeater Group:** meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

### **Miscellaneous Nets**

**Huntington ARES:** Sat/Tues at 8:00 p.m. (0100 UTC) on 146.685

**Whitley Co./ARES:** Wednesdays at 7:15 p.m. (0015 UTC) on 145.270  
(Note 131.8 PL disabled for all nets)

**Whitley Co. Sunday:** Sundays at 7:45 p.m. (0045 UTC) on 444.550  
+. (The 146.460 simplex crossbanding from both nets has been dropped.)

**Sloppy Code Net:** Sundays at 9 p.m. (0200 UTC) on 40M (7.1405 MHz). This CW net's purpose is to build confidence and help increase code speed. The speed is generally 1-10 WPM. If you want to copy only contact Henry, KA9ZNN at 749-8968 for details..

**Six Meter AM net (informal):** Every Saturday night at 7:00 p.m. on 50.580 MHz. Intercom on 146.430 simplex.